

Amendments to the Claims

This listing of claims will replace all prior versions, and listing, of claims in the application.

Listing of Claims:

1. (Currently Amended) A medical data providing system which separates ID (identification) data, including personal information about the patient, and non-ID data, including non-personal information about the patient, of a patient to provide only medical data of the patient, the system comprising:

an ID storage unit provided in a patient terminal of the patient, the ID storage unit storing the ID data of the patient;

a non-ID storage unit provided in the patient terminal separately from the ID storage unit, the non-ID storage unit storing the non-ID data of the patient;

a medical care code generating unit provided in a hospital server in order to generate medical care codes of the patient;

a care database provided in the hospital server, the care database storing care data of the patient; and

a medical care code list database provided in the patient terminal and the hospital server, the medical care code list database storing the medical care codes.

2. (Currently Amended) The medical data providing system according to claim 1, further comprising a research database provided in the hospital server, the research database storing the non-ID data of the patient and research data using the medical care codes and the care data of the patient, ~~and~~

3. (Original) The medical data providing system according to claim 1, further comprising a personal information management server which includes the ID storage unit, the medical care code list database, and a medical care code-ID relation database that links the medical care codes with the ID data.

4. (Original) The medical data providing system according to claim 1, wherein the patient terminal further includes an insurance database storing an insurance institution name, an insurance number and an insurance condition of a medical insurance of the patient.

5. (Original) The medical data providing system according to claim 1, wherein the ID storage unit stores personal information including a name, a birth date, an address, a resident registration number, and an insurance number of the patient.

6. (Original) The medical data providing system according to claim 1, wherein the non-ID storage unit stores non-ID data including a sex, an age and an occupation of the patient.

7. (Currently Amended) The medical data providing system according to claim 2, wherein the research database stores statistical data, ~~the statistical data comprising at least one of such as~~ disease data for sexes, disease data for ages and disease data for occupations, ~~etc. prepared by using the medical care codes stored in the medical care code list database.~~

8. (Currently Amended) A medical data sharing method using ~~the a~~ medical data providing system ~~according to claim 1~~, the method comprising the steps of:

(a) connecting ~~the a~~ patient terminal to ~~the a~~ hospital server, the patient terminal including an ID storage unit for storing ID data of a patient, including personal information about the patient;

(b) confirming the ID data of the patient;

(c) storing ~~the~~ medical care codes generated from a medical care code generating unit of the hospital server in the patient terminal;

(d) giving medical care to the patient ~~in the hospital;~~ and

(e) storing the medical care codes ~~and the care data in the~~ in a medical care code list database provided in each of the patient terminal and the hospital server, and storing care data in the care database of the hospital server,

wherein the medical data providing system includes a non-ID storage unit provided in the patient terminal for storing non-ID data of the patient, including non-personal information about the patient, and a medical care code list database provided in the patient terminal and the hospital server for storing the medical care codes.

9. (Original) The medical data sharing method according to claim 8, further comprising steps of

- (f) acquiring a list of the generated medical care codes from the patient terminal;
- (g) requesting data on the medical care codes from the hospital having the generated medical care codes;
- (h) notifying care result data to an institution having requested the data on the medical care codes via an authentication procedure in the hospital server; and
- (i) receiving the request of data on the medical care codes to the hospital requesting the medical care codes.

10. (Currently Amended) A medical data providing method using ~~the a~~ medical data providing system ~~according to claim 4 which separates ID (identification) data, including personal information about the patient, and non-ID data, including non-personal information about the patient, of a patient to provide only medical data of the patient, the system including: an ID storage unit provided in a patient terminal of the patient, the ID storage unit storing the ID data of the patient, a non-ID storage unit provided in the patient terminal separately from the ID storage unit, the non-ID storage unit storing the non-ID data of the patient, a medical care code generating unit provided in a hospital server in order to generate medical care codes of the patient, a care database provided in the hospital server, the care database storing care data of the patient, and a medical care code list database provided in the patient terminal and the hospital server, the medical care code list database storing the medical care codes~~, the method comprising the steps of:

- (a) requesting the medical data of the patient for the purpose of a medical research;
- (b) making up a written consent that the patient allows his medical data to be used for the medical research;
- (c) confirming the non-ID data of the patient, and giving the medical care codes to care samples obtained in the course of care of the patient; and
- (d) storing the care data of the patient together with the medical care codes in the medical care code list database and the care database of the hospital server.

11. (Original) The medical data providing method according to claim 10, wherein the written consent is made up to represent that the medical data of the patient are used for the research for a predetermined time.

12. (Original) The medical data providing method according to claim 10, further comprising a step of (e) notifying the personal information management server of the medical care codes.

13. (Currently Amended) A medical data providing method using the medical data providing system which separates ID (identification) data, including personal information about the patient, and non-ID data, including non-personal information about the patient, of a patient to provide only medical data of the patient, the system including: an ID storage unit provided in a patient terminal of the patient, the ID storage unit storing the ID data of the patient, a non-ID storage unit provided in the patient terminal separately from the ID storage unit, the non-ID storage unit storing the non-ID data of the patient, a medical care code generating unit provided in a hospital server in order to generate medical care codes of the patient, a care database provided in the hospital server, the care database storing care data of the patient, and a medical care code list database provided in the patient terminal and the hospital server, the medical care code list database storing the medical care codes,~~according to claim 1,~~ the method comprising the steps of:

- (a) the patient visiting an emergency room without his patient terminal;
- (b) acquiring the personal information from the patient, generating the medical care codes, and then giving medical care to the patient in the hospital;
- (c) storing the medical care codes and the care data of the patient in the medical care code list database and the care database of the hospital server;
- (d) connecting the patient terminal to the hospital server; and
- (e) confirming the ID data of the patient, storing the medical care codes of the patient in the patient terminal, and then disconnecting the patient terminal from the hospital server.

14. (Currently Amended) A medical data providing method using the medical data providing system which separates ID (identification) data, including personal information about the patient, and non-ID data, including non-personal information about the patient, of a patient to provide only medical data of the patient, the system including: an ID storage unit provided in a patient terminal of the patient, the ID storage unit storing the ID data of the patient, a non-ID storage unit provided in the patient terminal separately from the ID storage unit, the non-ID storage unit storing the non-ID data of the patient, a medical care code generating unit provided in a hospital server in order to generate medical care codes of the patient, a care database provided in the hospital server, the care database storing care data of the patient, and a medical care code list database provided in the patient terminal and the hospital server, the medical care

code list database storing the medical care codes, ~~according to claim 1~~, the method comprising the steps of:

(a) notifying an insurance institution of a demand for medical insurance money based on the medical care codes and care details ~~required for demanding a medical insurance money~~;

(b) determining the insurance money in the insurance institution, and providing the premium payment to the hospital to pay off a medical expense;

(c) notifying the personal information management server of the medical care codes and the insurance money details based on at least one of the medical care codes and the care data of the patient; and

(d) notifying the patient terminal of the medical care codes and the insurance money details, and recording details associated with insurance in the insurance database of the patient terminal.

15. (Currently Amended) The medical data providing method according to claim 14, further comprising a step of (e) when the insurance money details associated with insurance to be notified are generated in an institution other than the hospital, notifying the personal information management server of the ID data and the details associated with insurance.